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ning of each regular issue of the PCT Gazette.

(54) Title: FURANCARBONYLGUANIDINE DERIVATIVES, THEIR PREPARATION AND PHARMACEUTICAL COMPO-
SITIONS CONTAINING THEM

(57) Abstract: The present invention relates to furancarbonylguanidine derivatives, a preparation method thereof and a pharmaceu-
tical composition comprising the same. Furancarbonylguanidine derivatives of the present invention inhibit NHE-1 (sodium-hydrogen
exchanger isoform 1), which helps recovery of heart function damaged from ischemia/ reperfusion and decreases myocardial infar-
ction rate, indicating that they have protective effect on myocardial cells. Thus, furancarbonylguanidine derivatives of the present
invention can be effectively used for the prevention and the treatment of ischemic heart diseases such as myocardial infarction, ar-
rhythmia, angina pectoris, etc, and also a promising candidate for a heart protecting agent applied to reperfusion therapy including
thrombolytics or cardiac surgery including coronary artery bypass graft, percutaneous transluminal coronary angioplasty, etc.

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